

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109404.D
 Acq On : 27 Sep 2018 22:47
 Operator : JU/SJ
 Sample : J5066-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H2

Quant Time: Sep 28 05:50:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

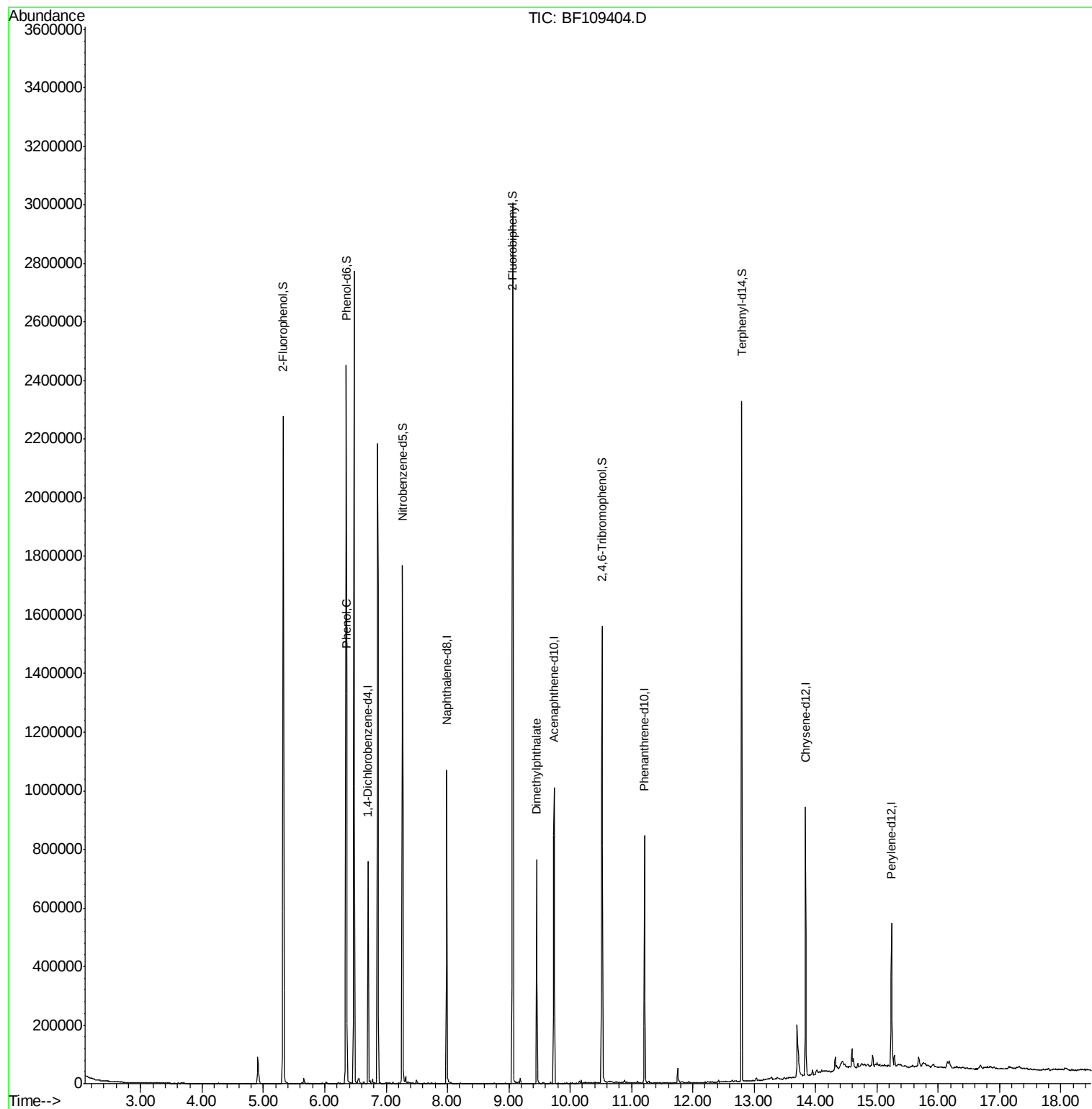
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	113444	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	435253	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	188370	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	305378	20.00	ng	0.00
75) Chrysene-d12	13.84	240	285680	20.00	ng	0.00
86) Perylene-d12	15.24	264	209390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	708939	102.93	ng	0.00
7) Phenol-d6	6.35	99	910754	103.63	ng	0.00
23) Nitrobenzene-d5	7.27	82	571342	77.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	180911	97.42	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	966337	77.37	ng	-0.01
78) Terphenyl-d14	12.80	244	779102	66.93	ng	0.00
Target Compounds						
10) Phenol	6.36	94	32557	3.271	ng	97
49) Dimethylphthalate	9.46	163	274303	20.021	ng	99

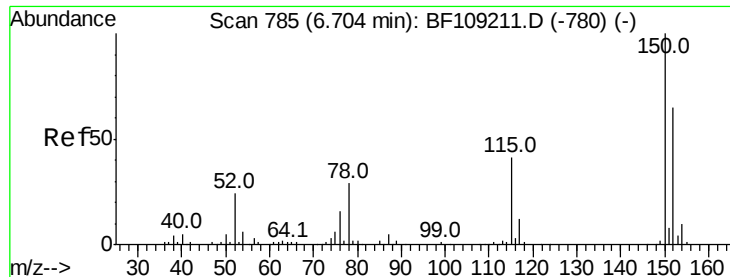
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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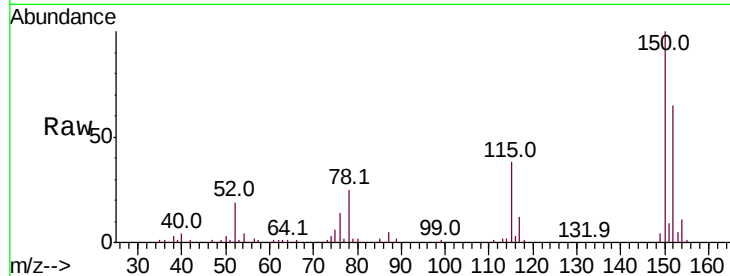


#1

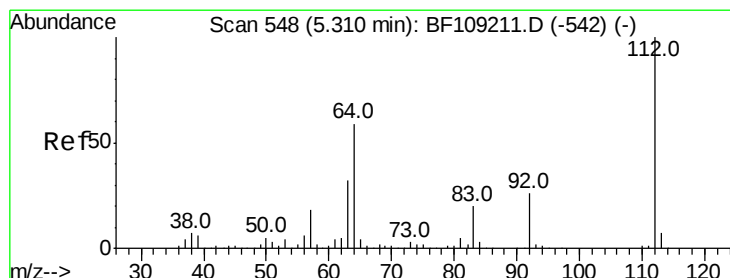
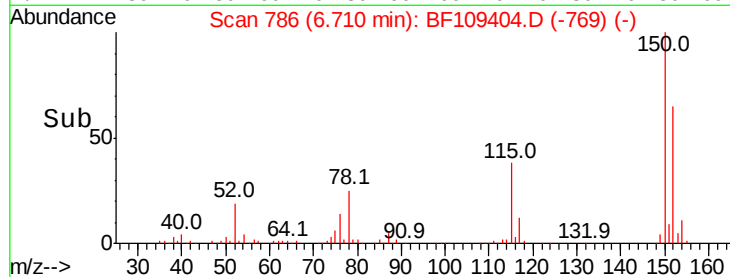
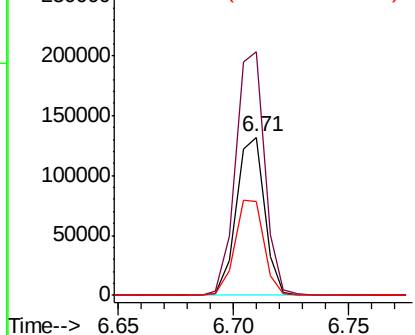
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H2

Tot Ion:152 Resp: 113444
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 59.0 50.1 75.1



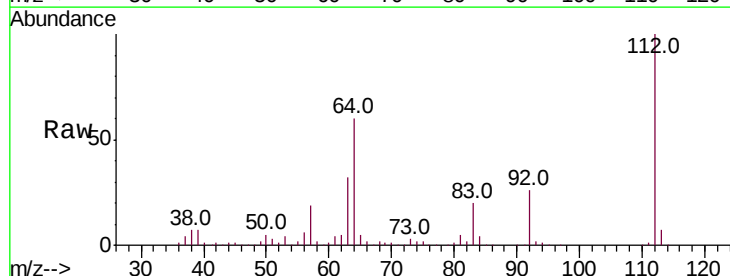
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



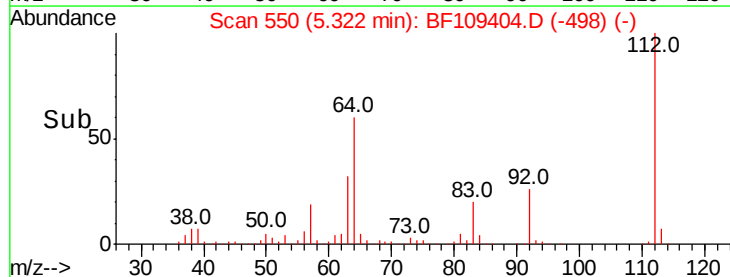
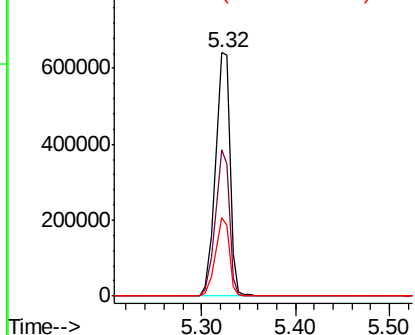
#5

2-Fluorophenol
 Concen: 102.930 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

Tgt Ion:112 Resp: 708939
 Ion Ratio Lower Upper
 112 100
 64 60.0 47.9 71.9
 63 32.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 103.626 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109404.D

Acq: 27 Sep 2018 22:47

Instrument :

BNA_F

ClientSampled :

EP1-Q1-H2

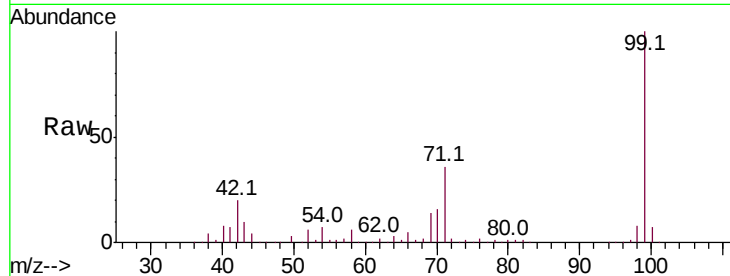
Tot Ion: 99 Resp: 910754

Ion Ratio Lower Upper

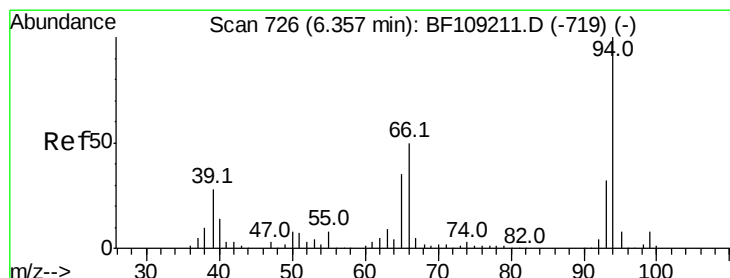
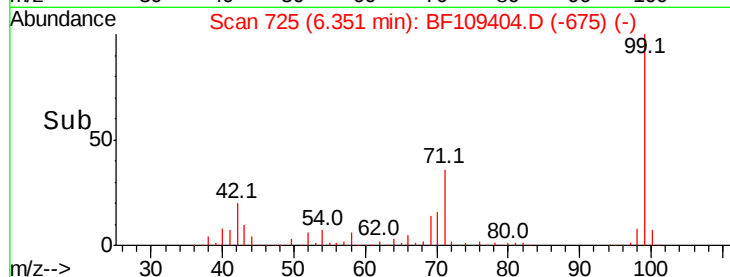
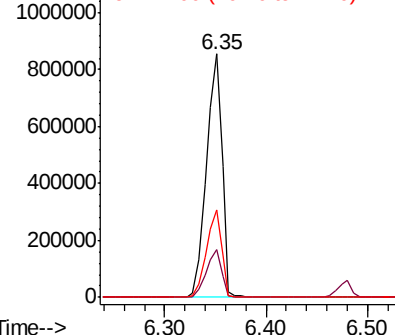
99 100

42 19.8 14.5 21.7

71 35.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.271 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109404.D

Acq: 27 Sep 2018 22:47

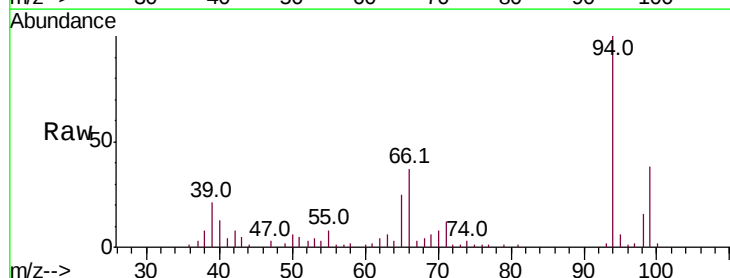
Tgt Ion: 94 Resp: 32557

Ion Ratio Lower Upper

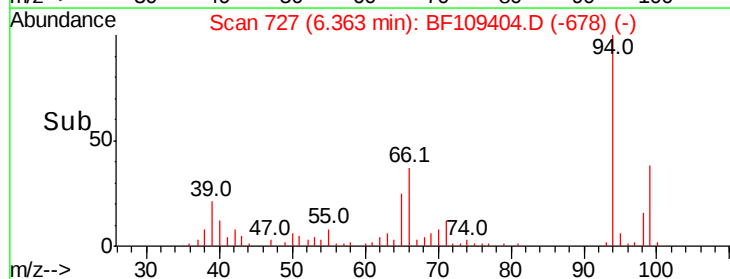
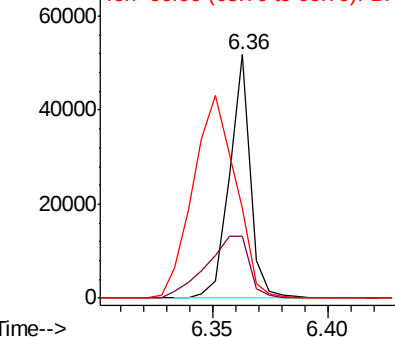
94 100

65 25.2 7.9 47.9

66 37.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109404.D

Acq: 27 Sep 2018 22:47

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-H2

Tot Ion:136 Resp: 435253

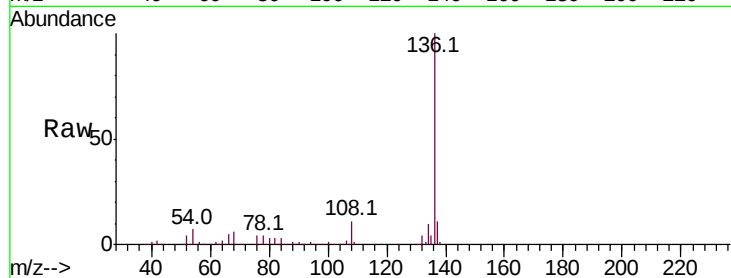
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.5 6.6 9.8

68 5.8 5.0 7.4

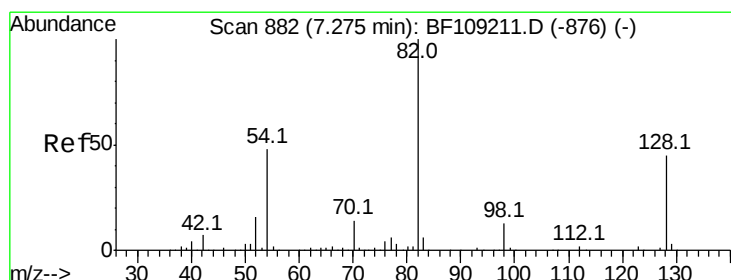
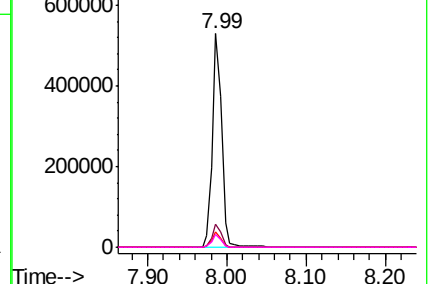
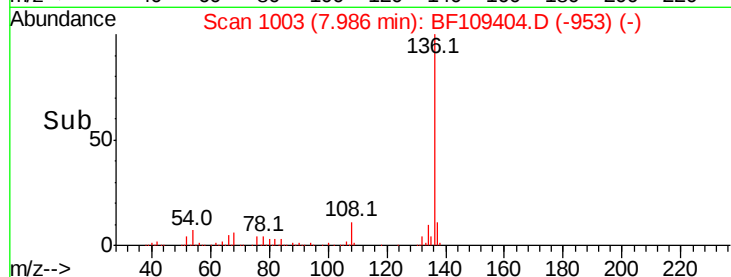


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 77.489 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109404.D

Acq: 27 Sep 2018 22:47

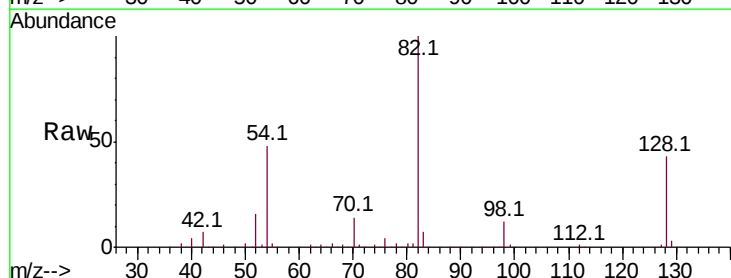
Tgt Ion: 82 Resp: 571342

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

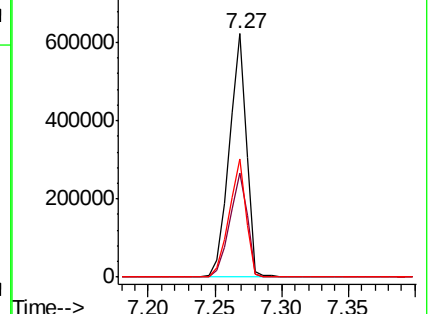
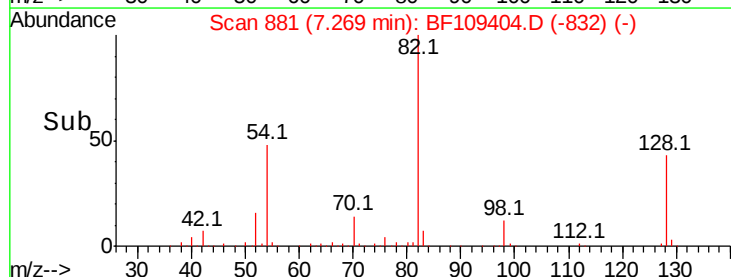
54 48.3 41.4 62.2

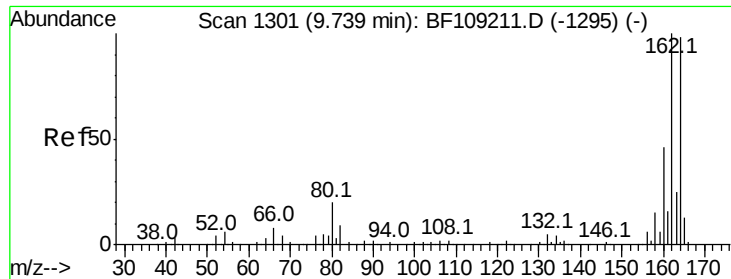


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

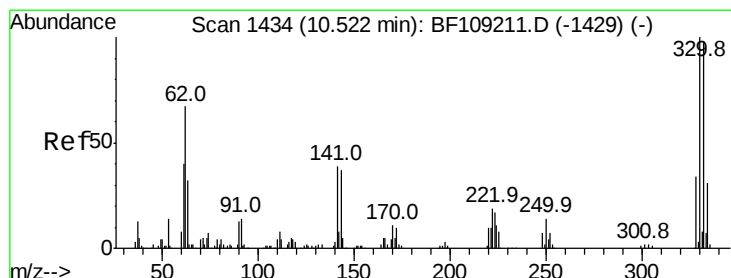
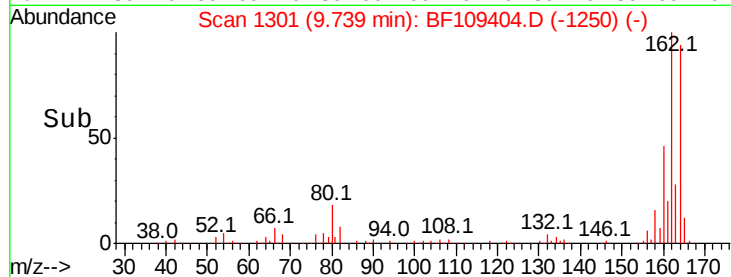
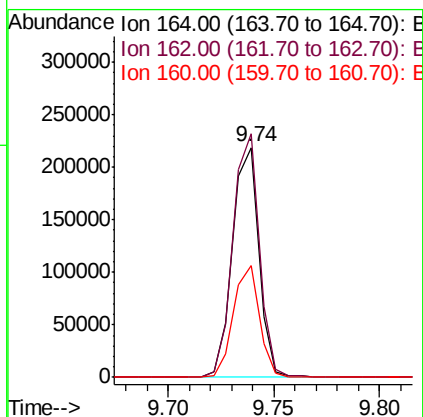
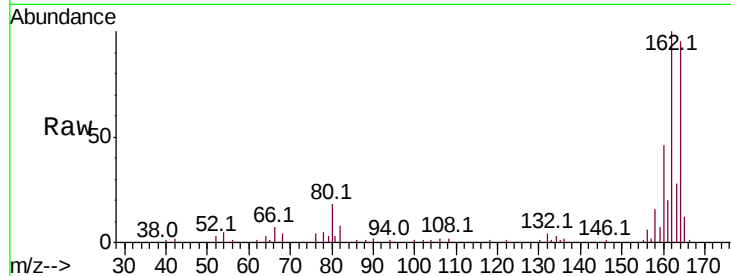




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

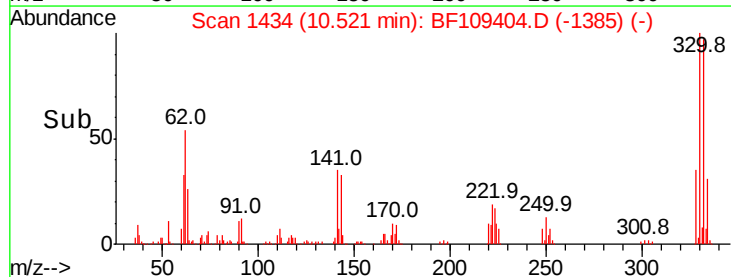
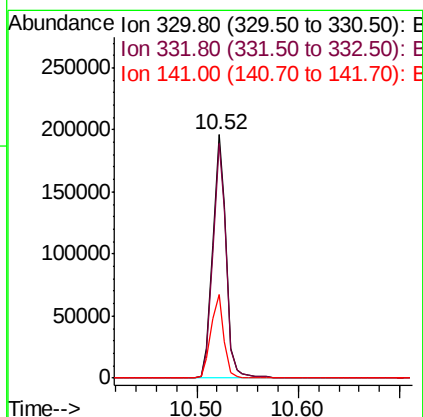
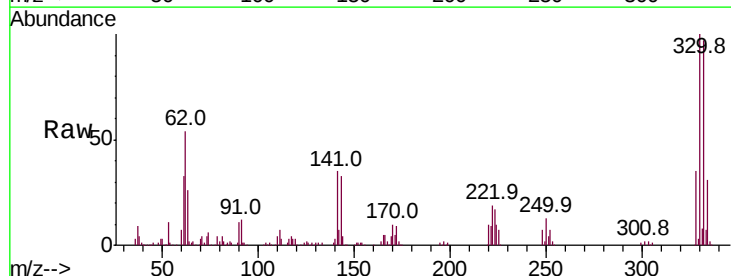
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H2

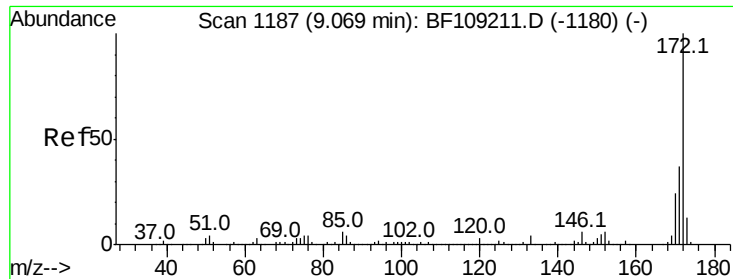
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	48.5	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 97.424 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.3	29.9	44.9

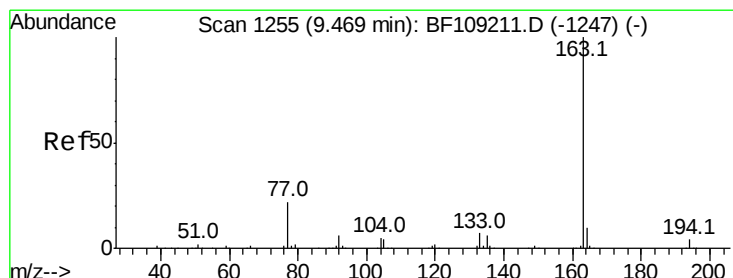
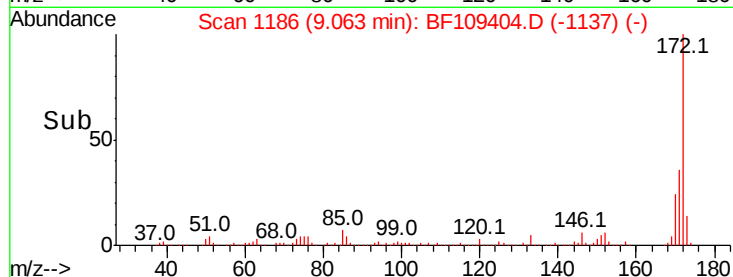
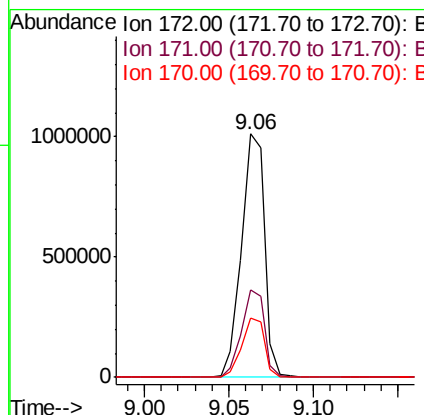
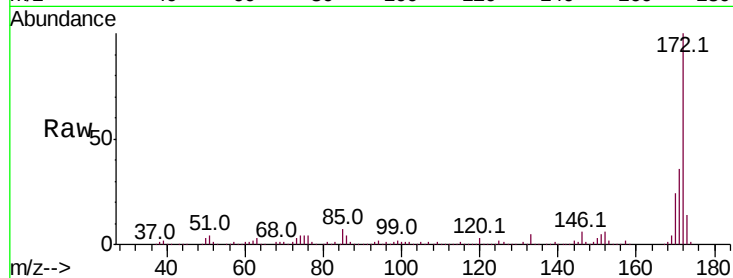




#44
 2-Fluorobiphenyl
 Concen: 77.370 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

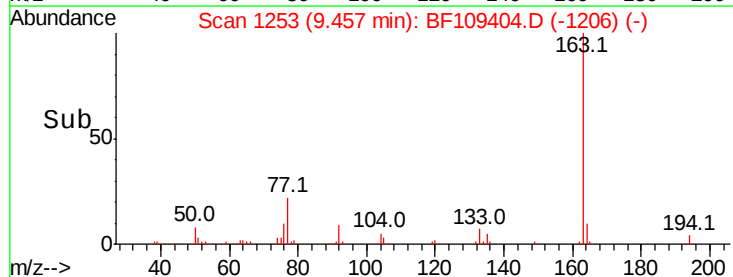
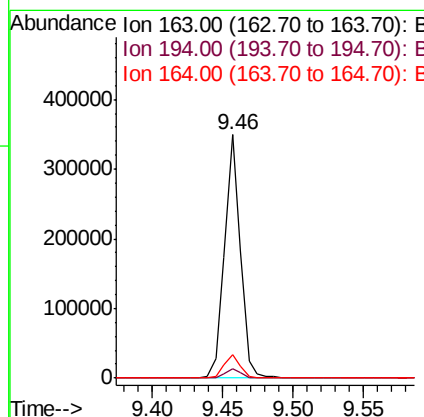
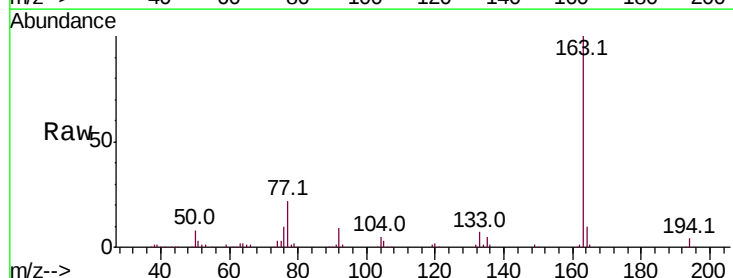
Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-H2

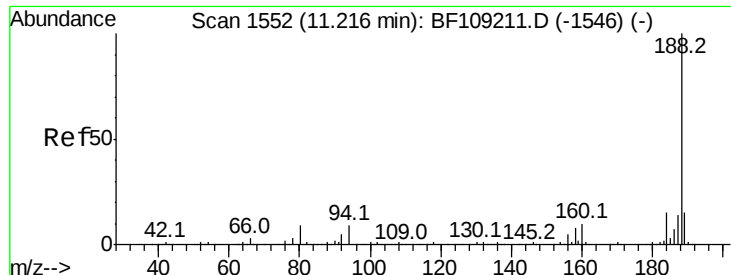
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.4	19.6	29.4



#49
 Dimethylphthalate
 Concen: 20.021 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109404.D
 Acq: 27 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.7	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF109404.D

Acq: 27 Sep 2018 22:47

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-H2

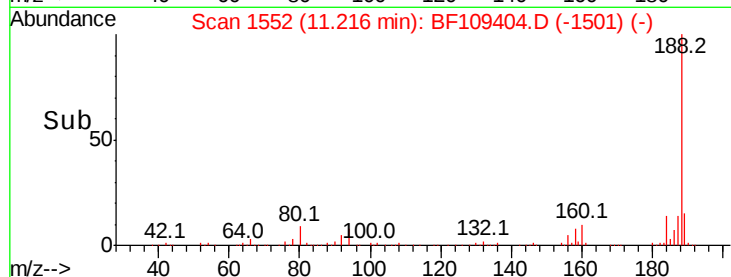
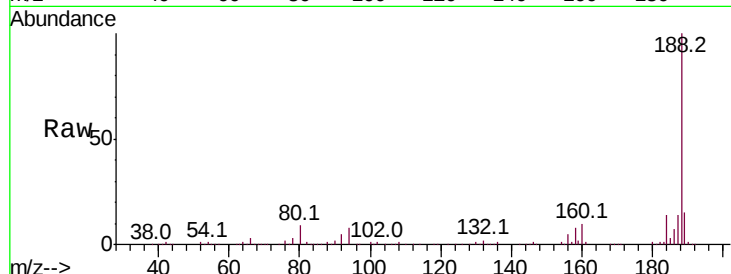
Tot Ion:188 Resp: 305378

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

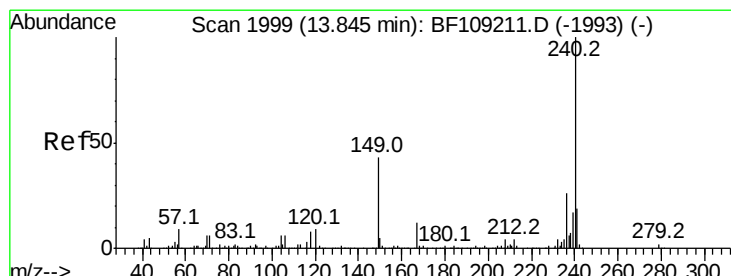
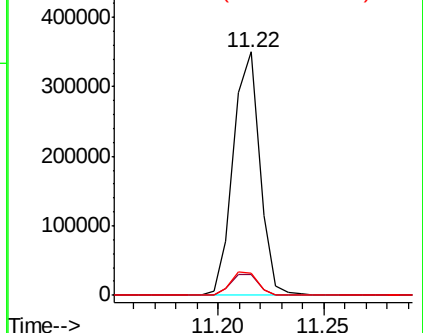
80 9.0 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109404.D

Acq: 27 Sep 2018 22:47

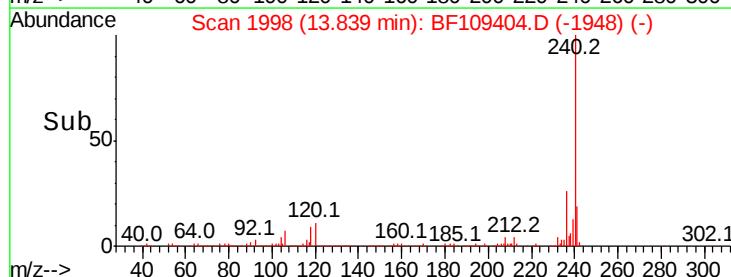
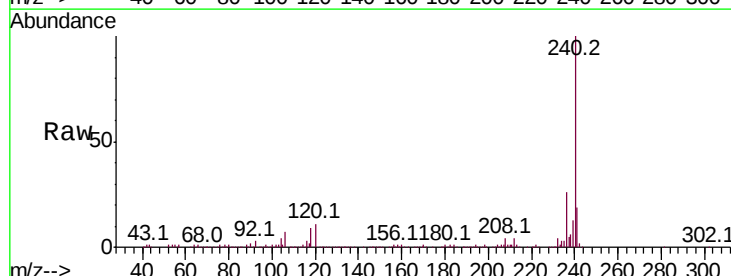
Tgt Ion:240 Resp: 285680

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

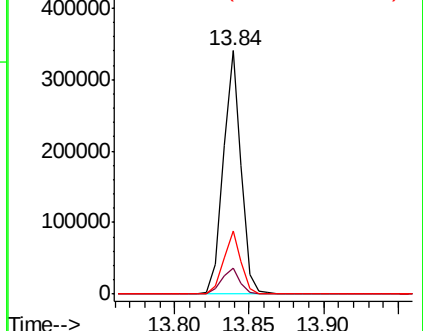
236 25.7 20.7 31.1

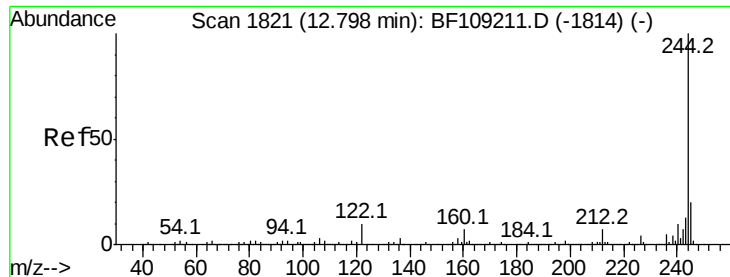


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.930 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109404.D

Acq: 27 Sep 2018 22:47

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EP1-Q1-H2

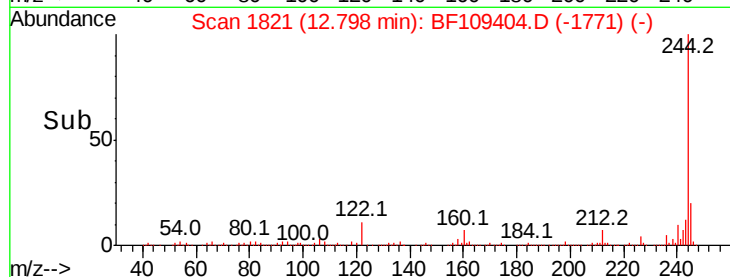
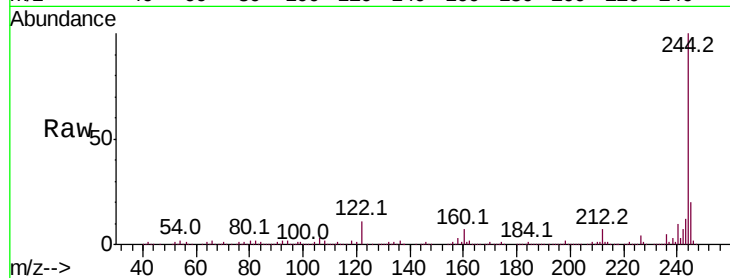
Tot Ion:244 Resp: 779102

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

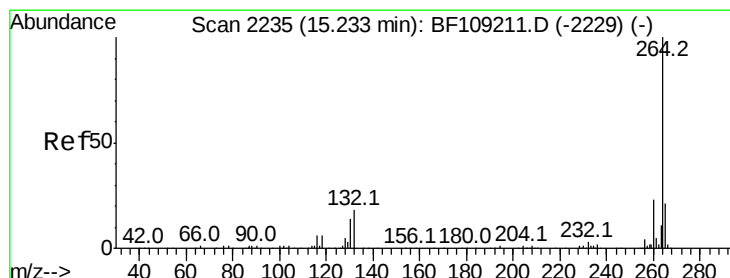
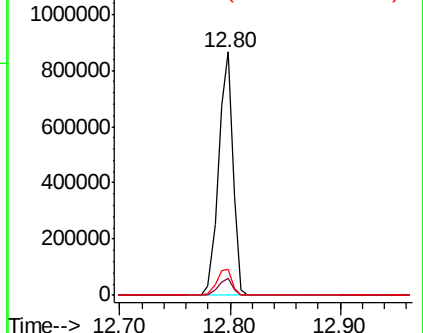
122 10.8 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF109404.D

Acq: 27 Sep 2018 22:47

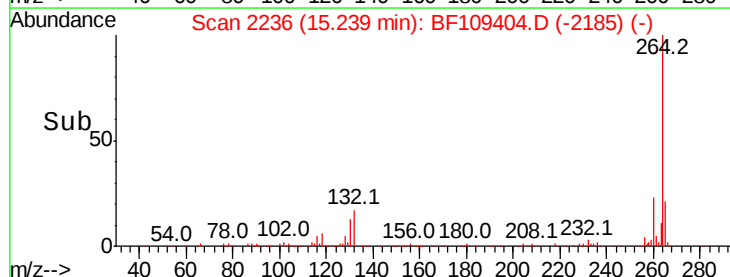
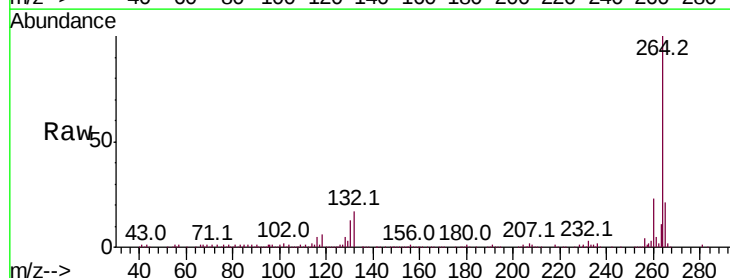
Tgt Ion:264 Resp: 209390

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 20.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

